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PTO/SB/81 (05-03)  
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 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

|                        |   |
|------------------------|---|
| Application Number     | 09/851,940  |
| Filing Date            | May 10, 2001  |
| First Named Inventor   | David Baraff  |
| Title                  | Global Intersection Analysis for Determining Intersections of Objects in Computer Animation |
| Art Unit               | 2671  |
| Examiner Name          | L.T. McCartney  |
| Attorney Docket Number | 021751-002200US   |

I hereby appoint:

Practitioners at Customer Number

OR

Practitioner(s) named below:

20350



as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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|---|------------------------------------|-------|--------------|-----|-------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Townsend and Townsend and Crew LLP |       |              |     |       |
| Address   | Two Embarcadero Center             |       |              |     |       |
| Address   | Eighth Floor                       |       |              |     |       |
| City  | San Francisco                      | State | CA           | ZIP | 94111 |
| Country   | United States                      |       |              |     |       |
| Telephone   | 415.576.0200                       | Fax   | 415.576.0300 |     |       |

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

|   |   |           |              |
|---|---|-----------|--------------|
| Name  | Lois Scali, Executive Vice President and General Counsel, Pixar |           |              |
| Signature   |   |           |              |
| Date  | August 25, 2003   | Telephone | 510-752-3000 |
| NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below. |   |           |              |
| <input type="checkbox"/> *Total of _____ forms are submitted.   |   |           |              |

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

|                        |                 |
|------------------------|-----------------|
| Application Number     | 09/851,940      |
| Filing Date            | May 10, 2001    |
| First Named Inventor   | David Baraff    |
| Art Unit               | 2671            |
| Examiner Name          | L.T. McCartney  |
| Attorney Docket Number | 021751-002200US |

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

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A Power of Attorney or Authorization of Agent is submitted herewith.

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I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|      |   |  |  |
|------|---|--|--|
| Name | Lois Scali, Executive Vice President and General Counsel, Pixar |  |  |
|------|---|--|--|

|           |  |  |  |
|-----------|--|--|--|
| Signature |  |  |  |
|-----------|--|--|--|

|      |                 |           |              |
|------|-----------------|-----------|--------------|
| Date | August 25, 2003 | Telephone | 510-752-3000 |
|------|-----------------|-----------|--------------|

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of forms are submitted.

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Attorney Docket No. 021751-002200US

### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: David Baraff et al.

Application No./Patent No.: 09/851,940

Filed/Issue Date: May 10, 2001

Entitled: Global Intersection Analysis for Determining Intersections of Objects in Computer Animation

Pixar dba Pixar Animation Studios, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To : \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To : \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To : \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8/25/03

Date

510 752-3000

Telephone number

Lois Scali

Typed or printed name

Signature

Executive Vice President and General Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert  
ASSIGNEE's  
Name(s)  
Address(es)]

PIXAR ANIMATION STUDIOS

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(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of  
Invention]

GLOBAL INTERSECTION ANALYSIS FOR DETERMINING INTERSECTIONS OF OBJECTS IN COMPUTER ANIMATION

[\*If the assignment is being filed after the filing of the application, this section must be completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

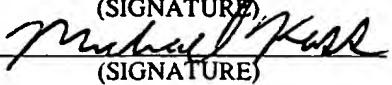
and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

  
(SIGNATURE)  
  
  
(SIGNATURE)  
  
  
(SIGNATURE)

David E. Baraff

(TYPE NAME)

Andrew Witkin

(TYPE NAME)

Michael Kass

(TYPE NAME)

5/1/2001

(DATE)

5/1/2001

(DATE)

5/1/2001

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)